

Title (en)
Secondary battery.

Title (de)
Sekundärbatterie.

Title (fr)
Batterie secondaire.

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Application
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Abstract (en)
This invention provides a secondary battery in a nonaqueous type using a substance indicated in I below and/or a substance indicated in II below as an active material for either of positive and negative electrodes:I: a composite oxide possessing a layer structure and represented by the general formula:wherein A stands for at least one alkali metal, M for a transition metal, N for at least one member selected from the group consisting of Al, In, and Sn, and x, y, and z respectively for the number falling in a specific range,II: an n-doped carbonaceous material which has a BET-method specific surface area, and a crystal thickness, Lc, in the X-ray diffraction and a true density, p, both having the values falling in a specific range.The secondary battery of this invention is small and light, excels in cyclicity and self-discharging property, and possesses a high energy density.

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IPC 8 full level
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H01M 10/05 (2013.01 - EP US); **Y02E 60/10** (2013.01 - EP)

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